

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs             | Default Operator | Plurals | Time Stamp       |
|-------|------|---|-----------------|------------------|---------|------------------|
| S1    | 442  | @pd<="20050121" and 370/432.ccls.   | US-PGPUB; USPAT | ADJ              | ON      | 2009/01/13 12:17 |
| S3    | 3    | @pd<="20050121" and digital adj subscriber adj line adj access adj multiplexer and 370/432.ccls.                          | US-PGPUB; USPAT | ADJ              | ON      | 2009/01/13 12:26 |
| S4    | 274  | @pd<="20050121" and digital adj subscriber adj line adj access adj multiplexer and "370".clas.                            | US-PGPUB; USPAT | ADJ              | ON      | 2009/01/13 12:26 |
| S5    | 266  | @pd<="20050121" and digital adj subscriber adj line adj access adj multiplexer and DSLAM and "370".clas.                  | US-PGPUB; USPAT | ADJ              | ON      | 2009/01/14 12:37 |
| S6    | 55   | @pd<="20050121" and digital adj subscriber adj line adj access adj multiplexer and DSLAM and board and "370".clas.        | US-PGPUB; USPAT | ADJ              | ON      | 2009/01/14 12:43 |
| S7    | 154  | @pd<="20050121" and digital adj subscriber adj line adj access adj multiplexer and DSLAM and video and "370".clas.        | US-PGPUB; USPAT | ADJ              | ON      | 2009/01/15 13:27 |
| S8    | 30   | @pd<="20050121" and digital adj subscriber adj line adj access adj multiplexer and DSLAM with video and "370".clas.       | US-PGPUB; USPAT | ADJ              | ON      | 2009/01/15 13:38 |
| S9    | 5    | @pd<="20050121" and digital adj subscriber adj line adj access adj multiplexer and DSLAM and cell adj bus and "370".clas. | US-PGPUB; USPAT | ADJ              | ON      | 2009/01/15 15:57 |
| S10   | 0    | @pd<="20040215" and digital adj subscriber adj line adj access adj multiplexer and DSLAM with video and 370/432.ccls.     | US-PGPUB; USPAT | ADJ              | ON      | 2009/01/15 17:18 |

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|-----|-----|--|-----------------|-----|----|------------------|
| S11 | 1   | @pd<="20040215" and digital adj subscriber adj line adj access adj multiplexer and DSLAM and 370/432.ccls.           | US-PGPUB; USPAT | ADJ | ON | 2009/01/15 17:19 |
| S16 | 3   | 08/991,391   | US-PGPUB; USPAT | ADJ | ON | 2009/01/15 17:37 |
| S17 | 3   | 08/991391  | US-PGPUB; USPAT | ADJ | ON | 2009/01/15 17:37 |
| S18 | 1   | "08991391"   | US-PGPUB; USPAT | ADJ | ON | 2009/01/15 17:38 |
| S19 | 1   | "20040125818"  | DERWENT         | ADJ | ON | 2009/01/16 12:05 |
| S20 | 1   | 2002-256884.NRAN.  | DERWENT         | ADJ | ON | 2009/01/16 12:06 |
| S21 | 1   | (video adj bus) and (digital adj subscriber adj line adj access adj multiplexer or DSLAM).ab. and "370".clas.        | US-PGPUB; USPAT | ADJ | ON | 2009/07/21 16:21 |
| S22 | 73  | (video) and (digital adj subscriber adj line adj access adj multiplexer or DSLAM).ab. and "370".clas.                | US-PGPUB; USPAT | ADJ | ON | 2009/07/21 16:23 |
| S23 | 96  | (video) and (digital adj subscriber adj line adj access adj multiplexer or DSLAM).ab.                                | US-PGPUB; USPAT | ADJ | ON | 2009/07/21 16:29 |
| S24 | 0   | (video) and (digital adj subscriber adj line adj access adj multiplexer or DSLAM) and (duel or multi ) near5 bus.ab. | US-PGPUB; USPAT | ADJ | ON | 2009/07/22 08:30 |
| S25 | 3   | (video) and (digital adj subscriber adj line adj access adj multiplexer or DSLAM) and (multi\$3) near5 bus.ab.       | US-PGPUB; USPAT | ADJ | ON | 2009/07/22 08:30 |
| S26 | 3   | (digital adj subscriber adj line adj access adj multiplexer or DSLAM) and (multi\$3) near5 bus.ab.                   | US-PGPUB; USPAT | ADJ | ON | 2009/07/22 09:33 |
| S27 | 116 | (digital adj subscriber adj line adj access adj multiplexer or DSLAM) and (multi\$3) near5 bus                       | US-PGPUB; USPAT | ADJ | ON | 2009/07/22 09:33 |
| S28 | 78  | video and (digital adj subscriber adj line adj access adj multiplexer or DSLAM) and (multi\$3) near5 bus             | US-PGPUB; USPAT | ADJ | ON | 2009/07/22 09:33 |

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| S29 | 85    | video and (concentrator) and (multi\$3) near5 bus and network.ab.            | US-PGPUB; USPAT | ADJ | ON | 2009/07/22 13:06 |
| S30 | 0     | (video and (concentrator) and (multi\$3) near5 bus and network).ab.          | US-PGPUB; USPAT | ADJ | ON | 2009/07/22 13:08 |
| S31 | 0     | (video and (concentrator) and bus and network).ab.                           | US-PGPUB; USPAT | ADJ | ON | 2009/07/22 13:08 |
| S32 | 15    | ((concentrator) and bus and network).ab.                                     | US-PGPUB; USPAT | ADJ | ON | 2009/07/22 13:08 |
| S33 | 18    | ((concentrator) and (bus or backplane) and network).ab.                      | US-PGPUB; USPAT | ADJ | ON | 2009/07/22 13:10 |
| S34 | 412   | ((DSLAM or concentrator) and second\$3 near3 (bus or backplane) and network) | US-PGPUB; USPAT | ADJ | ON | 2009/07/22 13:28 |
| S35 | 338   | ((DSLAM or concentrator) and second\$3 near2 (bus or backplane) and network) | US-PGPUB; USPAT | ADJ | ON | 2009/07/22 13:29 |
| S36 | 226   | ((DSLAM or concentrator) and second\$3 near1 (bus or backplane) and network) | US-PGPUB; USPAT | ADJ | ON | 2009/07/22 13:29 |
| S37 | 119   | ((DSLAM or concentrator) and second\$3 adj (bus or backplane) and network)   | US-PGPUB; USPAT | ADJ | ON | 2009/07/22 13:29 |
| S38 | 7     | ((DSLAM or concentrator) and video adj (bus or backplane) and network)       | US-PGPUB; USPAT | ADJ | ON | 2009/07/22 13:42 |
| S39 | 1421  | DSLAM and bus  | US-PGPUB; USPAT | ADJ | ON | 2009/07/23 12:15 |
| S40 | 21    | DSLAM and shared bus   | US-PGPUB; USPAT | ADJ | ON | 2009/07/23 12:15 |
| S41 | 0     | DSLAM and shared bus.ab.   | US-PGPUB; USPAT | ADJ | ON | 2009/07/23 12:15 |
| S42 | 83    | DSLAM and bus.ab.  | US-PGPUB; USPAT | ADJ | ON | 2009/07/23 12:15 |
| S43 | 72042 | bus and video and data.ab.   | US-PGPUB; USPAT | ADJ | ON | 2009/07/23 12:28 |
| S44 | 7339  | video near3 bus and data.ab.   | US-PGPUB; USPAT | ADJ | ON | 2009/07/23 12:29 |
| S45 | 223   | video near3 bus and data adj bus.ab.   | US-PGPUB; USPAT | ADJ | ON | 2009/07/23 12:29 |
| S46 | 37    | (video near3 bus and data adj bus).ab.                                       | US-PGPUB; USPAT | ADJ | ON | 2009/07/23 12:29 |
| S47 | 1     | (video near3 bus and data adj bus) and DSLAM.ab.                             | US-PGPUB; USPAT | ADJ | ON | 2009/07/23 12:49 |
| S48 | 2     | (video near3 bus and data adj bus) and DSL.ab.                               | US-PGPUB; USPAT | ADJ | ON | 2009/07/23 12:49 |

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|-----|------|---|--------------------|-----|----|---------------------|
| S49 | 37   | (video near3 bus and data adj bus).ab.  | US-PGPUB;<br>USPAT | ADJ | ON | 2009/07/23<br>12:52 |
| S50 | 6547 | (data adj bus).ab.  | US-PGPUB;<br>USPAT | ADJ | ON | 2009/07/23<br>12:54 |
| S51 | 485  | (data adj bus adj lines).ab.  | US-PGPUB;<br>USPAT | ADJ | ON | 2009/07/23<br>12:54 |
| S52 | 1    | (data adj bus and dsl).ab.  | US-PGPUB;<br>USPAT | ADJ | ON | 2009/07/23<br>12:59 |
| S53 | 0    | (communication bus and dsl).ab.   | US-PGPUB;<br>USPAT | ADJ | ON | 2009/07/23<br>13:02 |
| S54 | 1347 | (communication bus).ab.   | US-PGPUB;<br>USPAT | ADJ | ON | 2009/07/23<br>13:02 |
| S55 | 1    | "20090059912".pn.   | US-PGPUB;<br>USPAT | ADJ | ON | 2009/07/23<br>13:06 |
| S56 | 1    | "20080107137".pn.   | US-PGPUB;<br>USPAT | ADJ | ON | 2009/07/23<br>13:09 |
| S57 | 1766 | 710/100.ccls.   | US-PGPUB;<br>USPAT | ADJ | ON | 2009/07/27<br>15:50 |
| S58 | 9    | dsl and video and data and 710/100.ccls.  | US-PGPUB;<br>USPAT | ADJ | ON | 2009/07/27<br>15:51 |
| S59 | 6    | shared bus.ab. and 710/100.ccls.  | US-PGPUB;<br>USPAT | ADJ | ON | 2009/07/27<br>15:55 |
| S60 | 4    | (shared bus) and ((point-to-point) bus) and 710/100.ccls.                       | US-PGPUB;<br>USPAT | ADJ | ON | 2009/07/27<br>16:11 |
| S61 | 7    | (shared bus) and ((point-to-point) bus) and DSL                                 | US-PGPUB;<br>USPAT | ADJ | ON | 2009/07/27<br>16:12 |
| S62 | 297  | (shared bus) and ((point-to-point) bus)   | US-PGPUB;<br>USPAT | ADJ | ON | 2009/07/27<br>16:16 |
| S63 | 210  | (shared bus) and ((point-to-point) bus) and dual                                | US-PGPUB;<br>USPAT | ADJ | ON | 2009/07/27<br>16:17 |
| S64 | 7    | (shared bus) and ((point-to-point) bus) and dual and concentrator               | US-PGPUB;<br>USPAT | ADJ | ON | 2009/07/27<br>16:17 |
| S65 | 4    | (shared bus) and ((point-to-point) bus) and dual bus                            | US-PGPUB;<br>USPAT | ADJ | ON | 2009/07/27<br>16:18 |
| S66 | 0    | (shared bus) and ((point-to-point) bus) and DSLAM                               | US-PGPUB;<br>USPAT | ADJ | ON | 2009/07/27<br>16:19 |
| S67 | 21   | (shared bus) and DSLAM  | US-PGPUB;<br>USPAT | ADJ | ON | 2009/07/27<br>16:20 |
| S68 | 6    | (shared bus) and DSLAM.ab.  | US-PGPUB;<br>USPAT | ADJ | ON | 2009/07/27<br>16:20 |
| S69 | 49   | (unidirectional adj1 (bus or channel or link or connection or path)) with video | US-PGPUB;<br>USPAT | ADJ | ON | 2009/12/01<br>11:35 |

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| S70 | 3540 | (((unidirectional adj1 (bus or channel or link or connection or path)) with video) or ((one-way or oneway or (one way)) near1 (bus or channel or link or connection or path)))  | US-PGPUB;<br>USPAT | ADJ | ON | 2009/12/01<br>12:12 |
| S71 | 131  | (((unidirectional adj1 (bus or channel or link or connection or path)) with video) or ((one-way or oneway or (one way)) near1 (bus or channel or link or connection or path)) with video)   | US-PGPUB;<br>USPAT | ADJ | ON | 2009/12/01<br>12:13 |
| S72 | 129  | (((unidirectional adj1 (bus or channel or link or connection or path)) with video) or ((one-way or oneway or (one way)) near1 (bus or channel or link or connection or path)) near20 video)   | US-PGPUB;<br>USPAT | ADJ | ON | 2009/12/01<br>12:14 |
| S73 | 390  | (((unidirectional adj1 (bus or channel or link or connection or path)) with video) or ((one-way or oneway or (one way)) near10 (bus or channel or link or connection or path)) near20 video)  | US-PGPUB;<br>USPAT | ADJ | ON | 2009/12/01<br>12:14 |
| S74 | 275  | (((unidirectional adj1 (bus or channel or link or connection or path)) with video) or ((one-way or oneway or (one way)) near10 (bus or channel or link or connection or path)) near20 video) and (DSLAM or DSL or ADSL or A-DSL or Switch or hub or router or concentrator) | US-PGPUB;<br>USPAT | ADJ | ON | 2009/12/01<br>12:15 |

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| S75 | 277   | ((unidirectional adj1 (bus or channel or link or connection or path)) with video) or ((one-way or oneway or (one way)) near10 (bus or channel or link or connection or path)) near20 video) and (DSLAM or DSL or ADSL or A-DSL or Switch or hub or router or headend or concentrator or CMTS or (cable modem termination system)) | US-PGPUB;<br>USPAT | ADJ | ON | 2009/12/01<br>12:21 |
| S76 | 16524 | ((unidirectional) near10 (bus or channel or link or connection or path))  | US-PGPUB;<br>USPAT | ADJ | ON | 2009/12/01<br>13:06 |
| S77 | 3287  | ((unidirectional) near10 (bus))   | US-PGPUB;<br>USPAT | ADJ | ON | 2009/12/01<br>13:06 |
| S78 | 2869  | ((unidirectional) near5 (bus))  | US-PGPUB;<br>USPAT | ADJ | ON | 2009/12/01<br>13:06 |
| S79 | 11710 | ((unidirectional) near10 (bus or channel or link or connection or path)) and (DSLAM or Switch\$3 or hub or router or headend or concentrator or CMTS or (cable modem termination system))   | US-PGPUB;<br>USPAT | ADJ | ON | 2009/12/01<br>13:07 |
| S80 | 10084 | ((unidirectional) near5 (bus or channel or link or connection or path)) and (DSLAM or Switch\$3 or hub or router or headend or concentrator or CMTS or (cable modem termination system))  | US-PGPUB;<br>USPAT | ADJ | ON | 2009/12/01<br>13:08 |
| S81 | 2144  | ((unidirectional) near5 (bus)) and (DSLAM or Switch\$3 or hub or router or headend or concentrator or CMTS or (cable modem termination system))   | US-PGPUB;<br>USPAT | ADJ | ON | 2009/12/01<br>13:08 |
| S82 | 263   | ((unidirectional) near5 (bus)) near100 (DSLAM or Switch\$3 or hub or router or headend or concentrator or CMTS or (cable modem termination system))   | US-PGPUB;<br>USPAT | ADJ | ON | 2009/12/01<br>13:09 |
| S83 | 1     | "20040202162".pn.   | US-PGPUB;<br>USPAT | ADJ | ON | 2010/01/02<br>10:47 |
| S84 | 1176  | detect\$3 near5 (video stream)  | US-PGPUB;<br>USPAT | ADJ | ON | 2010/01/02<br>16:26 |

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|-----|----|---|-----------------|-----|----|------------------|
| S85 | 0  | detect\$3 near5 (video stream) near20 bus   | US-PGPUB; USPAT | ADJ | ON | 2010/01/02 16:26 |
| S86 | 0  | detect\$3 near5 (video stream) near50 bus   | US-PGPUB; USPAT | ADJ | ON | 2010/01/02 16:27 |
| S87 | 2  | detect\$3 near5 (video near4 stream) near50 bus   | US-PGPUB; USPAT | ADJ | ON | 2010/01/02 16:27 |
| S88 | 25 | detect\$3 near5 ((video near4 stream) or channel) near50 bus and ((set-top or settop or (set top)) adj box) | US-PGPUB; USPAT | ADJ | ON | 2010/01/02 16:28 |

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